

## Weekly Metrics for January 26 – February 1, 2003

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements * Factor	Actual (GB)	Footnote
ICESat (1/03)	GLAS	L0 Ingest	NSIDC	41	1X Baseline	6	U
		Archive	NSIDC	41	1X Baseline	6	U
Aqua (5/02)	AIRS	L0 Ingest	GSFC	98	1X Baseline	94	A, W
		L1 Prod	GSFC	400	1X Baseline	362	A, W
		Archive	GSFC	498	1X Baseline	462	A, W
	AMSR-E	L0 Ingest	NSIDC	10	1X Baseline	8	B
		L1 Ingest	NSIDC	10	1X Baseline	0	B, C
		L2-L3 Prod	GHRC	12	0.5X Baseline	0	C
		Archive	NSIDC	32	Baseline	8	C
		Distribution <i>Production</i> <i>End Users</i>	NSIDC	17	0.5X Baseline	8 1	G
	CERES	Archive	LaRC LaRC	58	Baseline	Included	See Footnote S
		Distribution <i>Testing/QA</i> <i>End Users</i>		1,421 107	IT Requirements 1X Baseline	In Terra CERES	
	MODIS	L0 Ingest	GSFC	469	1X Baseline	512	R R R R
		L1 Prod	GSFC	2,498	1X Baseline	2,415	
		L2-L4 Prod	MODAPS	801	0.5X Baseline	2,196	
		Archive	EDC	540	Baseline	889	
			GSFC	3,172	Baseline	4,163	
			NSIDC	56	Baseline	95	
Distribution <i>Testing/QA</i> <i>To MODAPS/LaRC</i>		GSFC	362	IT Requirements	308 1,539		
METEOR 3M (12/01)	SAGE III	Archive	LaRC	0.8	1X Baseline	1.8	D
ACRIMSAT (12/99)	ACRIM 3	Archive	LaRC	0.06	1X Baseline	0.03	D
Terra (12/99)	ASTER	L1A Ingest	EDC	680	1X Baseline	850	E
		L1B Ingest	EDC	271	1X Baseline	130	E
		L2-L3 Prod	EDC	1,203	3X Baseline	145	E
		Archive	EDC	2,154	Baseline	1,174	E
		Distribution <i>End Users</i>	EDC	1,352	1X Baseline	204	G, O, P
	CERES	Archive	LaRC LaRC	351	Baseline	724	S
		Distribution <i>Testing/QA</i> <i>End Users</i>		1,421 117	IT Requirements 1X Baseline	0 189	S G, O
	MISR	L0 Ingest	LaRC	249	1X Baseline	228	F F F
		L1 Prod	LaRC	3,323	3X Baseline	3,598	
		L2-L3 Prod	LaRC	281	3X Baseline	269	
		Archive	LaRC	3,853	Baseline	4,107	
		Distribution <i>End Users</i>	LaRC	1,201	1X Baseline		G
	MODIS	L0 Ingest	GSFC	469	1X Baseline	441	M Q, T
		L1 Prod	GSFC	7,494	3X Baseline	8,543	
L2-L4 Prod		MODAPS	14,254	3X Baseline	9,468		
Archive		EDC	8,606	Baseline (L2-L4)	7,074	I, Q	
		GSFC	12,772	Baseline (L0-L4)	10,968		
		JPL	0	Baseline (L2-3)	22	I, Q	
Distribution		NSIDC	839	Baseline (L2-L3)	424		

		<i>End Users Distribution</i>	GSFC	2,869	1X Baseline	1,028	G, O
		<i>Testing/QA To MODAPS/LaRC</i>		362	IT Requirements	624	
		<i>End users Distribution</i>	JPL	4,101	1X Baseline	5,528	G, O
		<i>End Users Distribution</i>	NSIDC	0	Baseline	2,887	
		<i>End Users</i>		280	1X Baseline	0.6	G, O
	MOPITT	L0 Ingest	LaRC	2	1X Baseline	24	G, O
		L1 Prod	SIPS	2	3X Baseline	2	J
		L2 Prod	SIPS	2	3X Baseline	10	J
		Archive	LaRC	5	Baseline	13	J
		Distribution	LaRC			26	
		<i>End Users</i>		1	1X Baseline	27	G
Landsat-7 (4/99)	ETM+	Archive	EDC	1,071	250 Scenes	866	V
		Distribution	EDC	58	ECS ICD	135	
Jason-1 (12/01)	Poseidon 2	Archive (L0+)	JPL			14	
		Distribution	JPL	NA	NA	16	
QuikScat (6/99)	SeaWinds	Archive (L0+)	JPL			43	
		Distribution	JPL	109	Weekly Average	399	K
TOPEX (8/92)	Poseidon	Archive (L1+)	JPL			0.1	
		Distribution	JPL	24	Weekly Average	31	K
Other Missions	AVHRR	Archive (L2+)	JPL			38	
		Distribution	JPL	NA	NA	154	L

Notes:

- A. Includes data volumes for 3 instruments (AIRS, AMSU, and HSB).
- B. The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirement is in process.
- C. The Japanese EOC is not planning to process and send any more AMSR-E data to US until AMSR-E calibration method is well established. It is expected that calibration will not be completed until February 2003.
- D. Data from these instruments are not transmitted to DAAC daily.
- E. Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at EDC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements.
- F. Actual archival volume includes the reprocessed L1 and L2 data in addition to the current data.
- G. Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.
- I. Ingest/archival of MODIS L2+ products is dependent on MODAPS reprocessing schedule.
- J. LaRC DAAC received L1 and L2 data for selected months of years 2000, 2001, and 2002 from MOPITT SIPS.
- K. Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year.
- L. Includes distribution of educational materials, in addition to AVHRR SST products.
- M. Actual archival volume includes that of the reprocessing campaign in addition to the current data.
- N. Does not include distribution by subsetting tool.
- O. Does not include distribution by data pool.
- P. Orders have decreased sharply with the advent of charging for low-level ASTER data.
- Q. Values reported here represent what have been archived at DAACs. MODAPS production may be higher.
- R. Ingest/archival of MODIS L2+ products are dependent on MODAPS processing schedule.
- S. Actual archival volume represents a total for 3 missions (TRMM, Terra, and Aqua).
- T. With the completion of the reprocessing of ocean products, only atmospheric and land products were reprocessed.
- U. GLAS is in the check-out period. Only GPS, PRAP (Position, Rate, and Attitude Packet) and some engineering data have been received. No science data has been received yet.
- V. Landsat-7 program changed global coverage and a fewer number of scenes were captured by the satellite.
- W. There was a spacecraft issue on January 30. Aqua did not slew back to ORF (Orbital Reference Frame) as planned due to Ground Station Failure.

\* Baseline requirements refer to the September 2000 EOSDIS technical baseline (i.e., 3 X Baseline means three times the baseline). The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs).